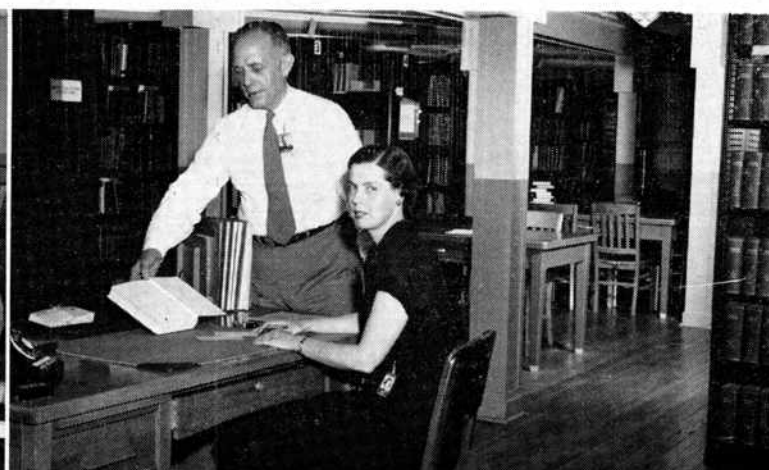




NEW BOOKS AND PERIODICALS JUST RECEIVED ARE being indexed and prepared to put on the shelves of the Y-12 Technical Library in the picture at the left. From left are Virginia Schneider, Technical Information Department Supervisor J. R.



Patton and Peg Zerby. At right Librarian Louise Barry is issuing a book to Arthur Davis, ADP Division. Some of the vast amount of books and shelves in the library are shown in the background. More pictures on Page Four.

Group Names Five Y-12 Men

Five Y-12ers were elected to office for the coming year by the Oak Ridge Chapter of the Society For Non-Destructive Metals at its meeting last Thursday night. The meeting at the Oak Ridge Institute of Nuclear Studies building was the last of the season for the chapter, which plans to resume sessions in September.

Y-12 Officers Listed

The Y-12ers elected by the chapter were G. E. Isham, Chemical, secretary; C. M. Knowles, Analytical Laboratory, treasurer; F. E. Clark and V. C. Jackson, Analytical Laboratory; and R. R. Roseberry, Engineering, members of the board of directors.

Robert B. Oliver, of Oak Ridge National Laboratory, was elected president and J. B. Bush, K-25, was named vice president of the chapter.

Other Y-12ers in the chapter include W. H. Dodson, R. E. Webb and W. H. Moehl, Analytical Laboratory; F. E. Lambert and R. E. Schabot, Engineering; P. J. Long and H. D. Whitehead, ADP Development; and J. K. White, ADP Production.

T. O. Gilliland, of the Eastman Kodak Co., presented a film, "The Inside Story," showing the process of manufacturing X-Ray film.

RAIL A-POWER SOUGHT

According to the New York Times, the New York Central Railway System has announced it is establishing a research staff to work on a wide variety of projects, including atomic power and gas turbines.

MENUS FOR CAFETERIA SPECIAL LUNCHES GIVEN FOR THURSDAY, TUESDAY

Two more fine meals have been arranged by the Y-12 Cafeteria for the special lunches to be served tomorrow, Thursday, May 28, and next Tuesday, June 2.

For the Thursday 50-cent special the entree will be corn beef hash. Accompanying the entree will be one vegetable, choice of salad or dessert, rolls and butter.

Pork chops and rice creole will be the main dish on the 75-cent special next Tuesday. In addition to the entree two vegetables, choice of salad or dessert, rolls and butter and a coffee or tea will be served.

SAFETY SCOREBOARD

Your Plant Has
Operated
36 Days

Without A Lost Time
Accident

Through May 24

Carbide Man Elected ASME Ridge Chairman

W. R. Gall, a Carbide employee in the Y-12 Plant area, was elected vice chairman for Oak Ridge of the East Tennessee Section of the American Society of Mechanical Engineers at its meeting last Saturday at the Oak Terrace, Oak Ridge. The meeting was the last for the organization until next September. Gall succeeded Howard L. Martin, of the Y-12 Engineering Department as Oak Ridge chairman.

Dr. R. G. Sturm, director of the Research Foundation of Alabama Polytechnic Institute, Auburn, Ala., spoke at the meeting.

V. L. Knirim, of Tennessee Eastman Corporation, Kingsport, was elected chairman of the section last week. L. O. Sieg, also of TEC, was named vice chairman for the Kingsport section and Dr. J. F. Bailey, of the University of Tennessee, Knoxville chairman. The executive committee for Oak Ridge is V. J. Kelleghan, of K-25; F. B. Leeton, of Allis-Chalmers Co., for Knoxville; and B. B. Nall, Penn-Dixie Co., for Kingsport. J. D. Maloney, of the University of Tennessee is secretary-treasurer.

Dr. Lind Says Colorado Second Uranium Producer

Dr. S. C. Lind, Carbide Consultant and well known to many Y-12ers, has asserted in an interview with the Denver, Col., Post that the Colorado Plateau is the world's second largest source of uranium. The largest, he said, is the Belgian Congo. Dr. Lind, a former head of the American Chemical Society, also said that recent reports indicated Canada may regain leadership in uranium production, but the Colorado and African mines will hold the lead for some time.

Technical Information Dept. Proves Invaluable To Y-12ers

To the scientists and technicians in Y-12—as well as many of its administrative personnel—the functions of the Technical Information Department of the plant have proven invaluable in making accessible the vast amount of varied information required to carry out the objectives of their work and even the routine requirements of the day-to-day operation of the plant.

The Technical Information Department with its five interlocking sections and 28 employees has assembled and made available not only information on the latest developments throughout the scientific and business world but also has on file reports of practically every activity that has taken place in the Y-12 plant since its beginning of operations back in 1943. To accommodate this great amount of material, the department occupies both floors of a wing of Bldg. 9704-2. The latest library and technical filing methods for record-keeping has been installed to make it easy for any Y-12er to obtain desired data on just about every conceivable subject required in work here.

Increased Use Required Expansion

The department's growth and expansion of its work is reflected in the fact that back in 1948, when it first occupied quarters in Bldg. 9704-2, it consisted of only three sections and eight employees to carry out its work. Increased use of the facilities of the department and in its number of documents, library books and files has made this expansion imperative.

As now composed, the Technical Information Department's five sections are the Technical Library, Y-12 Central Files, Document Accountability Office, Reports Issuing Office and the Information Service Group. Supervisor of the department is J. R. Patton.

Library Has 10,000 Books

Probably the section with which the average Y-12er has the most to do with is the Technical Library with its approximately 10,000 books and 500 technical periodicals, in addition to pamphlets, patents and similar material. Attendance of readers in the library

is about 800 every month, with 500 more telephone calls monthly being made by information seekers.

The Technical Library book list includes the usual open library material stressing, of course, technical subjects such as physics, chemistry, engineering, metallurgy and mathematics. To maintain the standard of the library at the highest possible level, Y-12 employees are urged by Patton to make requests for additional material and suggestions for improvement in services.

Material Conveniently Arranged

All of this library material is conveniently arranged and displayed for readers who wish to do their reading in the library itself

Continued on Page 4

AIChE To Hear Talk On Coal Hydrogenation

Carbide Engineer Will Be Heard At Section Meeting On June 4

A description of the Carbide and Carbon Chemicals Company coal hydrogenation program by a Company chemical engineer closely connected with the project will be given at the monthly meeting of the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers at 8 o'clock next Thursday night, June 4. The meeting will be held in the auditorium of the Jefferson Junior High School and every member of the section in Y-12 and Oak Ridge is urged to attend the session.

R. G. Edmonds To Speak

The Carbide speaker will be Radcliffe G. Edmonds, who has been with the Company at its South Charleston, W. Va., plant since 1935. He devoted two years and a half, from 1943 to 1946, in engineering and development work for Carbide on the Manhattan project and also has handled various phases of design and process engineering and engineering development work for the Company.

In his talk on coal hydrogenation Edmonds will tell of work on the program that resulted in the announcement by Carbide in May, 1952, of the successful operation of an \$11,000,000 pilot plant designed to produce useful chemical products by the reaction of 300 tons per day of coal with hydrogen gas at elevated temperature and pressure. This outgrowth of 17 years of research, development and engineering is unique in being the only plant known to be built entirely by private capital and solely for the purpose of producing chemicals from coal. Although superficially similar to coal hydrogenation developed throughout the past 40 years, numerous engineer-

Continued on Page 4



WELL—LOOK WHO'S HERE! IT'S EDNA FINE, FORMERLY of the Y-12 Engineering Department, now in the Women's Air Force, Lackland Field, San Antonio, Tex. In these pictures of her activities sent to friends here she seems to be thriving on such chores as, from left, mopping up, displaying her G.I. shoes and finally all dressed up for leave. Her address is the 3743rd WAF Trng. Group. Edna worked in Y-12 for about two years before entering the service.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box P
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

OFFICE
North Portal Bldg. 9701-1
Telephone 7753



Miss Patricia Ann Bryant



BRYANT-LANKFORD

The engagement and approaching marriage of Miss Patricia Ann Bryant, of the Y-12 Material Control Department; to Gerald W. Lankford, also a Y-12er in Maintenance Shops; has been announced by parents of the bride. The wedding will take place at 7:30 o'clock Saturday night, June 27, at the Chapel-On-The-Hill.

Miss Bryant is the daughter of Mr. and Mrs. S. L. Bryant, 111 Arkansas Ave., Oak Ridge. Bryant is with the Y-12 Buildings and Grounds Department and his wife is employed at the Oak Ridge National Laboratory. The groom-elect is the son of Mr. and Mrs. Lyle G. Lankford, 108 Palmer Road, Oak Ridge. Lankford also is with the Y-12 Maintenance Shops Department.

The bride-elect graduated from Oak Ridge High School in 1951 and attended Carson - Newman College, Jefferson City, for one and one-half years.

Gerald Lankford graduated from Oak Ridge High School in 1949. As a member of the 194th Engineer Combat Battalion, Tennessee National Guard, of Oak Ridge, he served one year in Korea in 1951 and 1952. He now is attending night classes at the University in Tennessee in addition to his work in Y-12.

Y-12ers And Wives Win Prizes At Card Party

Several Y-12ers and their wives won prizes at the May 15 meeting of the Carbide Wives, when husbands were guests of members of the club. The decorative theme for the meeting was the British coronation.

Y-12ers and wives winning first prizes were J. K. White and Mrs. W. B. Herron in bridge, F. A. Gragg and Kenneth Prewitt in canasta, Mrs. H. F. Akin, Kenneth Prewitt and J. K. White in bingo.

Inflation—A drop in the buck.



THE PICTURE AT LEFT SHOWS MOST OF THE 37 youngsters of Y-12 parents appearing in a recent operetta, "The Magic Beanstalk," given by the Linden School music department. At right are shown the two stars of the show, Billy Anthony, left,

son of John W. Anthony, Maintenance Shops, as the Ogre; and Richard Maney, son of Herman A. Maney, also of Maintenance Shops, as Jack.



It won't be long now until the Merry, Merry Month of May gives way to the Marry, Marry Month of June.

That delectable and charming southern suburb of Oak Ridge, Daytona Beach, Fla., has drawn Harry Young, of Housing and Insurance, for his vacation this week.

Going in the other direction is S. R. Cotham, of Field Maintenance, and family who are motoring to Washington for a vacation jaunt.

Desma Hutcheson, of Wage Standards; Evelyn "Fiz" Tucker, of the Cafeteria, and a couple of their girl friends took off last Friday for a vacation in and around Panama City, Fla. . . . "There They Go, Into The Deep Blue Yonder" at Tindall Field, maybe, yet.

The Manufacturing Offices reports Kay Steed will visit her husband's kin folks in Mississippi and her brother in Covington, Tenn., while she is resting this week. . . . Joyce Treece also is vacationing.

Bill Hoppe, Property, his wife and daughter are vacationing in Memphis. . . . Mildred Spoon entertained guests from Aiken, S.C., last week end.

More vacation news from Stores. . . . Emma Puckett is in Shelbyville, Ky., this week. . . . Mary Nell Smith will be at home in Oliver Springs during the week. . . . Returning vacationers are David Griffith, S. A. Copeland, Rubyn Kelly and A. F. Herrell. . . . John Fielder is visiting his son and daughter in Lexington and Frankfort, Ky., this week. . . . Jack Garland with Ray Barron, Superintendents, and R. H. Evans, Receiving and Shipping, were at a "convention" in Philadelphia last week. . . . How's the scrapple, fellows?

Warren Bass, of Tools, has joined the "pass the cigars, pappy" club, becoming father of a boy born May 15 at the Baptist Hospital, Knoxville. . . . The youngster was a seven-pound, 12 ounce and was named Markus Rodney.

Hot tamale land—Old Mexico—is entertaining Billie Ferrell and Mary Gillham, of Research Services, on vacation this week. . . . T. J. Boring is back from a week of vacation. . . . The department extends get-well wishes to several folks on the ailing list.

The old stork took dead aim on a couple of fellows in Engineering recently. . . . The Byron Hales had a daughter born May 11 and the I. G. Spears a son born May 16. . . . Congratulations.

Electrical Maintenance was sending congratulations last week to Sue Hale, a former Y-12er, who became mother of a daughter May 12. . . . C. W. Kidd and G. D. Treece are back from last week's vacations. . . . Naomi Hart and V. T. Calloway are new employees

being warmly welcomed. . . . John Wyatt, M. E. Kitchen and J. R. Joslin were on the sick list last week. . . . The department wishes them a quick recovery and the same to Cy White's wife, who is hospitalized.

Penny Keene, of Medical, her husband, Oliver, Manufacturing Offices, Virginia Slusher, Medical, and her husband, Bob, Engineering, form a sun-seeking vacation party of Y-12ers at Pass-a-Grille Beach, Fla., (that's the St. Petersburg playground). . . . Margaret Rainbolt and her husband, Keith, Electrical Maintenance, are vacationing in Miami and Havana, Cuba. Viva Cuba Libre!

Not much except vacation news in the Guard Department. . . . Lt. J. B. Atchley is just back from one. . . . Going this week are C. R. Lively, T. O. Scruggs, J. R. Margrave, M. D. Carr, R. K. White and L. D. Larue. . . . Who's that "D. F." nickname belong to around the Boys in Blue? Better duck when you call him that, stranger.

Another pair of "South Oak Ridge" vacationers were Betty Whitehorn, Security, and Verna Peckman, Cafeteria. . . . A. J. Fisher, Jr., had his two sons home from the Navy on furlough last week end.

Ava "Jackie" Jackson, of Training, went home to Athens, Ala., on vacation this week.

Property Sales reports Howard Loveday vacationed at his Clinton home last week. . . . The department misses J. W. Stevenson, who has been ill for several days.

Jack Butler, of ADP Development, is a new parent—and apparently too busy learning the duties of fatherhood to give any statistics on his new son.

Chemical's Jean Sharp and her husband, Ira, of Tools, are vacationing in South Carolina. . . . Other vacationers with destinations not noted are J. B. Kennedy, C. G. Peck and E. V. Larmoyeux.

Jack Burchfield, Steam Plant, plans to do some fishing up around Jefferson City way while vacationing with his father.

Transportation folks vacationing this week include Avery Kendig (he can be found fishing), J. C. Howard and D. Lay. Accompanying Kendig on the safari are his old and annual fishing buddies, Nelson Tibbatts, Engineering and Maintenance; and Elmer Green, Buildings and Grounds. When the trio starts out nobody knows where it will eventually land—but all members promise results.

K. E. Nuchols, Steam Plant, is going to try out the fishing down around Cedartown, Ga., on his two weeks of vacation during which he will visit his mother.

"Chuck" E. Knowles, of the Analytical Laboratory, is visiting his parents in Portland, Tenn., while vacationing this week.

Miss Yvonne Alice Orr, daughter of

Continued on Page 4

Many Y-12 Children In Operetta Cast At Linden School

Youngsters of parents in the Y-12 plant were prominent in the recent presentation by the music department of Linden School of an operetta, "The Magic Beanstalk." Nearly 40 of the cast were children of Carbide employees working in the Y-12 area. Stars of the show were Richard Maney and Billy Anthony, both sons of Y-12ers.

"The Magic Beanstalk" had a cast of 175 pupils of Linden from the third grade through the sixth grades. Miss Ruth Jewell, music instructor at the school, directed the performance. A large audience of appreciative parents and fellow students attended the show.

Among the Y-12 youngsters in the cast with the parent's name in parenthesis were Carl Hunt (J. P.), Eileen Elvis (Floyd H.), Evelyn Sue Gardner (H. C.), Joan Marler (Ernest A.), Carol and Sharon Norman (Ralph H.), Charles Miner (J. E.), Janice Parker (J. C.), Phyllis Mullenax (James), Charles Hutchens (A. C.), Larry McCullough (E. M.), Barbara Wagoner (Howard), Curtis Honeycutt (William), Larry Sweedon (Mrs. Mary Dean Sweedon), Connie Hill (Clyde), Billy Anthony (John W.), Bobby Jo Lay (F. F.), Margaret Baxter (Elmer), Doris Panter (Earl J.), Phyllis Terry (J. C.), Wayne Hilbert (Harry), Faye Holbert (J. E.), Fay and Kay Kirksey (Alvin), Richard Maney (Herman A.), Louise Noland (Ray), Clifford Bailey (L. R.), Woody Joe Barwick (W. R.), Kenneth Johnson (Roy), Jackie Pope (R. E.), Darrell Stubblefield (Albert), Linda Brooks (Robert Gouldy), Carl Ann Dodson (H. H.), Patricia Hatmaker (Mrs. Lucille Hatmaker), Frances Morrow (Hubert), Janice Morrow (Fred) and Carroll Tolbert (Robert).



Five Y-12 employees became fathers of babies born recently at the Oak Ridge Hospital. They are James K. McCollum, Alloy, boy, May 14; Arthur Hines, Product Processing, girl, May 14; Irwin C. Spears, Engineering, boy, May 16; R. P. Ward, Health Physics, boy, May 17; Harry Franke, Product Processing, girl, May 20.

NEW MINERAL FOUND

Columbia University Prof. Paul F. Kerr and his assistant, Gerald P. Brophy, have been reported by the Spokane, Wash., Spokesman Review, as discovering a new type of uranium mineral. This new mineral is said to contain 48 per cent uranium combined with molybdenum and water.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Richard K. Eager, Alloy; Ola M. Pope, Laundry; Helen M. Burkhalter and Margaret W. Zerby, Technical Information; Millard E. Kitchens, Electrical Maintenance; Will Rider, Janitors.

Seminar Sets Sessions Friday And Tuesday

Y-12 technical and scientific personnel interested in meetings of the Oak Ridge Physics Seminar have been notified of two meetings of the organization during the next few days. One is scheduled for 3:15 p.m., Friday, May 29, and the other at 11 a.m., next Tuesday, June 2.

At the meeting on Friday of this week R. B. Murray, of the Oak Ridge Institute of Nuclear Studies and the Oak Ridge National Laboratory, will lead the discussion. His topic will be "Magnetic Domains." A 25-minute moving picture on ferro-magnetic domains also will be shown at the session. The meeting will be held in Bldg. 3022, ORNL, instead of the usual meeting place in the research building auditorium.

Dr. L. W. Nordheim, of Duke University, Durham, N. C., will speak at the meeting next Tuesday in the auditorium of Bldg. 4500, the ORNL research building. His subject will be "Recent Advances in The Understanding of Beta Decay Characteristics."

Funeral Held On May 18 For Former UCC Official

Funeral services and interment for James W. McLaughlin, 62, Vice President of Union Carbide and Carbon Corporation who died unexpectedly at his home in New Rochelle, N. Y., May 15, were held May 18. A solemn requiem mass was held at the Holy Family Church, New Rochelle, and burial followed at Pleasantville, N. Y.

He was Chairman of the Bakelite Company and Bakelite Company, Ltd., Canada; Vice President of Carbide and Carbon Chemicals Company and Vice President and Director of Carbide and Carbon Chemicals Company, Ltd., Canada; all divisions of Union Carbide.

Mr. McLaughlin was born in Paris, Ill., and graduated from the University of Illinois in 1914. He joined the Carbide organization in December, 1918, working with Prest-O-Lite, Linde Air, Carbide and Carbon Chemicals Company and Bakelite during his career with the Corporation.



CHARLES SWEETEN, OF the Y-12 Cafeteria, is mighty proud of the 17-pound catfish caught recently below Ft. Loudoun Dam, using red worms for bait. Therefore he showed the size of the catch by having his son look over the big fish. It was by far the biggest fish ever landed by the Y-12er.

Tickets Still Selling For Y-12 Fish Rodeo; Record Event Seen

That swishing sound heard from banks along the shores of Tennessee waters or from boats on the aforesaid waters comes from lines of many Y-12 anglers seeking to win praise and prizes for their catches in the second Y-12 Fishing Rodeo that started dark and early (12:01 a.m. Monday).

The advance sale of tickets, at 50 cents each, was brisk before the first line was dampened and with the sale extended to 4:30 o'clock Saturday afternoon, June 6, a record number of entries is expected before the competition closes at midnight, Sunday, June 21. The extension was granted as a convenience to late entrants by the Recreation Office.

Complete rules for the rodeo are printed on each ticket and the entrance cards may be purchased at the Recreation Office, North Portal, or from R. S. Phillippi, Bldg. 9212; Avery Kendig, Bldg. 9701-3; Nelson Tibbatts, Bldg. 9739; Evan Means, Bldg. 9737; or Russell Hopper, Bldg. 9709.

Woodpeckers Whip AEC By 12-5 Count

Scoring in every inning, the Y-12 Woodpeckers in the Oak Ridge Recreation League made it two straight wins in the circuit when they walloped the Atomic Energy Commission outfit by 12 to 5. Manager Avery Kendig's Y-12ers will meet the First Presbyterian Church team at 6 o'clock tomorrow night, Thursday, May 29, at Midtown No. 1 field in their third game of the season.

Emmett Moore was the big gun in the Woodpeckers' attack with a double and triple in three trips to the plate. J. D. Keys, hurling for Y-12, held the AEC lads to six bingles.

Score by innings:

Team	R	H	E
AEC	0	10	300
Y-12	12	1	5

Frazier and Blakeley, Keys and Hopkins.

49ers Continue League Lead, Blanking ADP

Peons Pop On UCJV; Rain Curtails Slate But Good Tilts Held

Softball action in the Y-12 Plant League was limited last week due to heavy rains but a few of the teams got in their contests as scheduled.

Sise Hurls Two Hitter

The 49ers continued on the victory trail with a 7 to 0 shutout over ADP as Ed Sise twirled a two hitter. Mays hurled a three hitter for the losers. The 49ers jumped to a two run lead in the first inning and marched to victory.

The Peons nipped the Uranium Control Junior Varsity in a thriller, 5 to 4. UCJV took a four run lead in the first inning but the Peons fought back and overcame the lead in the sixth with a two run outburst. Gallimore struck the big blow for the winners, a two run double in the sixth. Church banged out two safeties for the losers.

Moore Hits Grand Slam Homer

Plant Protection topped the Engineers 9 to 5 as Emmett Moore slammed a home run with the sacks jammed in the top of the seventh. This drive was one of the longest hit balls in the history of Elza Field. Braden got three bingles for the winners. Manager Hobey Thomas slammed a triple for the Engineers.

In the other contest of the week, the Maintenance whipped the Colts 18 to 0. Maintenance got off to a six run lead in the first inning and iced the contest early.

The schedule for the week of June 1 follows: Monday, June 1—6:15 p.m., Engineers vs Maintenance. 7:45 p.m., UCJV vs 49ers. Tuesday, June 2—6:15 p.m., Plant Protection vs Colts. 7:45 p.m., ADP vs Peons. Wednesday, June 3—6:15 p.m., Engineers vs 49ers. 7:45 p.m., Peons vs Maintenance. Thursday, June 4—6:15 p.m., Colts vs UCJV. 7:45 p.m., ADP vs Plant Protection.

Line scores of games last week follows:

Team	R	H	E
Plant Protection	200	210	4
Engineers	200	030	0
Wilson and Moore.	Kidd and Goosie.		

UCJV	Peons	Colts	Maintenance	49ers	ADP	Sise and Dodson.	Mays and Lambdin.
400	000	000	000	202	100	000	000
4	8	2	2	7	3	1	3
8	2	2	2	3	1	3	3

Hopper and Hopkins. Houn and Gallimore.

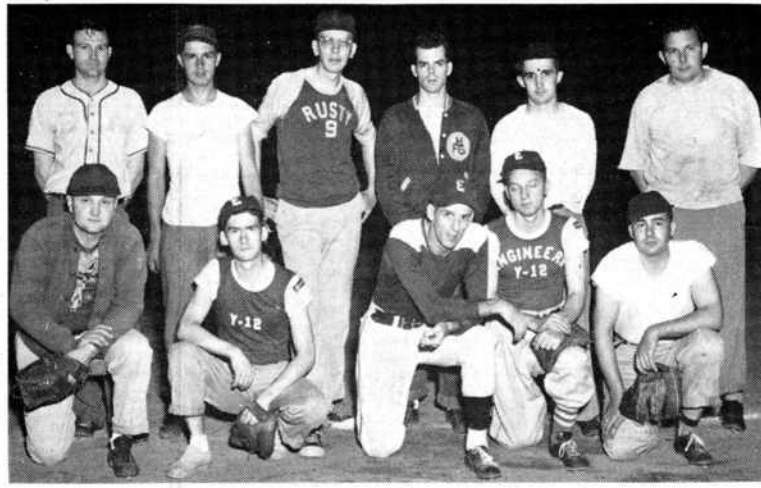
Keith and Ballaw. Walton and Everett.

League standing as of Friday, May 22, follows:

Team	W	L
49ers	4	0
Peons	3	1
P. P'tion	3	2
UCJV	2	1
Engineers	1	2
Maintenance	1	2
ADP	1	4
Colts	0	3

Orioles Beat J.C.; Meet Lab Tonight

The Y-12 blooper boys in the Oak Ridge Slow Pitch League, Manager Elmore Koons' Orioles, will be looking to break that .500 average they now possess when they tackle the Oak Ridge National Laboratory folks at 7 o'clock tonight, Wednesday, May 27, at Midtown No. 1 park. The Y-12ers walloped the Jewish Congregation team last week by 16 to 11 by breaking from the barrier with four runs in the first and staging a big fifth inning for nine runs. It was a slugfest, as the Orioles got 25 hits and the opposition 17. Clyde Smith got two homers for Y-12 in the big fifth round and



THE ENGINEERS SOFTBALL TEAM OF THE Y-12 PLANT League is expected to give all opponents plenty of trouble on the diamond this season. Kneeling from left are Frank Stanfel, Ross Goosie, Hobey Thomas, Earl Crow and Ernest Choat. Standing are Reginald Reed, H. C. Hankins, John Noey, Joe Kidd, Roger Sherman and Howard Horne.

Cubs Cop Championship In B Pin Loop; Roll Other League Titlists For Y-12 Crown

The Cubs clinched the seasonal championship in the B League of plant bowlers last Thursday by taking the Bumpers and Has Beens to the cleaners in the league title rolloff at the Oak Terrace alleys. The Cubs staged a strong stretch drive to tie the final round of play on the last night of action and then went on to take that crown in a rolloff with the Wolves. The Bumpers won first place in the opening round of play and the Has Beens the second.

Y-12 SPORTS

Many Y-12ers Aid In Outdoor Seminar

With many Y-12ers assisting in staging the affair and others expected to show up as spectators, the Outdoor Show and Fishing Seminar of the Oak Ridge Conservation League will get underway next Monday night, June 1, for a three-night stand at the Jefferson Junior High School. Show hours will be from 7 p.m. to 10 p.m.

Evan Means, of the Y-12 Electrical Maintenance Department, is president of the sponsoring organization and other Y-12ers who will aid him at the show include George Ferrell, George Stines, J. P. Dillard, B. N. Strunk and N. L. Derryberry. A water safety demonstration by the Oak Ridge Power Squadron, of which G. J. Angele, Y-12 Engineering, is past commander, will be staged in co-operation with the Tennessee Cumberland Valley Water Safety Congress.

Spinning and casting demonstrations will be given along with instructions to newcomers.

Anderson Club Sets Big Fishing Rodeo

The Anderson County Sportsmen's Club will hold its annual Memorial Day Fishing Rodeo on Saturday and Sunday, May 30 and 31, with headquarters at Duke's Pellissippi Boat Dock on Norris Lake. Y-12 anglers desiring to enter the event may register at Pellissippi, Andersonville or Norris boat docks. Four prizes will be awarded for top catches of black bass, walleyed pike and crappie.

Max Wright poled one in the sixth. Score by innings:

Team	R	H	E
J. C.	100	028	0
Y-12	401	092	x-16

Kitzes and Lang. Anderson and Holtzkecht.

BIGGER BLASTS SEEN

The Associated Press quotes the Washington Star as predicting that the next series of atomic tests in the Pacific probably will include hydrogen explosions of unprecedented magnitude and notes that the recent Nevada tests apparently are preliminary steps toward the Pacific program.

Cards To Meet Ashe And K-25 In Next Tilts

Y-12ers Keep League Slate Unblemished; Split With Shelbyville

Tied for first place in the Knoxville Ridge Softball League at the end of play last week with a four won and none lost mark, the Y-12 Cardinals were to face their stiffest task of the season on Tuesday night of this week when they were slated to meet the Oak Ridge National Laboratory, currently sharing the circuit lead. The Cardinals then are scheduled to invade Knoxville on Friday, May 29, for a game with Ashe Hosiery Mills at 7:30 o'clock and then return to Midtown No. 1 field in Oak Ridge to meet K-25 at 9 o'clock next Tuesday night, June 2.

Wilburn Hurls One-Hitter

The Cards kept their league win streak intact last Friday night at Oak Ridge by nosing out the Bell Ave. Baptists of Knoxville by 2 to 1 in an exceptionally well-played game. Bill Wilburn hurled a one-hitter at the churchmen and whiffed nine. The Cards scored their pair of runs in the second on singles by Ralph Pearson and Walt Simmons and a wild throw by the catcher trying to break up a steal. Buster Stephens, former Tennessee football star, pitched well for the visitors.

The Y-12 varsity went over to Tullahoma Saturday night to break even in a double header with the Empire Pencil Co. team of Shelbyville, runners-up in the state tournament last year. The Cards copped the first game by 5 to 1 as Bob Loy hurled a two-hitter and struck out 12. The Darbyites tallied a pair in the first and added three insurance runs in the sixth on Sievers' homer with two aboard. In the second tilt it looked as if the invaders would make a clean sweep as they went into the fourth round with a 2 to 0 lead. However, Morris Perry, who had held the Shelbyville outfit hitless until that time, weakened and allowed three hits, hit two batsmen and walked one for five runs. Pearson got two for three in this one and Rabbit Montgomery hit a homer with one on for the Y-12ers' only runs.

Robins Just Can't Play

Meanwhile the Y-12 Robins, the plant's women's varsity team, is contemplating growing web feet and calling themselves the "Ducky-Luckies." Rain has kept the girls sidelined in all but one game this season—that and a requested postponement of the game with Vestal last week.

The Robins have won their only game to date and are scheduled to meet the K-25 lassies Friday night of this week at Midtown No. 2. Then the schedule calls for them to go to Knoxville next Monday to play Parkmor.

Line scores of the Cardinal games follow:

Team	R	H	E
Bell Ave.	010	000	0-1
Cardinals	020	000	x-2
Stephens and Cameron.	Wilburn and Sievers.		
Cardinals	200	003	0-5
Empire Co.	100	000	0-1
Loy and Sievers.	Norman and Orr.		
Cardinals	002	01	-3
Empire Co.	000	5x	-5
Perry and Montgomery.	Morrison and Orr.		

(Five innings by agreement.)

'High-Low' Tourney Closely Contested

The Y-12 "High-Low" Golf Tournament last Saturday at the Oak Ridge Golf and Country Club was so closely contested that the Recreation Office did not have time to compute the final results by press time of The Bulletin Monday morning. The complete results will be given next week.

Remember—Only you can PREVENT FOREST FIRES!

**CARBIDE AND CARBON
CHEMICALS COMPANY**
A Division Of
Union Carbide And Carbon Corporation
P. O. Box P.
Oak Ridge, Tenn.

(RETURN POSTAGE GUARANTEED)

Sec. 34.66 P.L.&R.
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 3



Continued from Page 2
ter of Stewart "Whitey" Orr, of Buildings and Grounds, was married last Friday at St. Mary's Church, Knoxville, to W. O. Schaad, of Knoxville. The couple is honeymooning in Florida . . . A check of the roster showed a lot of folks vacationing—J. G. Gray, L. L. Gassaway, C. L. Newcomb, G. C. Boshears, C. R. Jackson, J. F. Campbell, E. E. Green, R. T. Faulkner, C. W. Wilkerson, R. Harris and C. E. Jenkins, included.

Bill Haase, Jr., Superintendents Department, and his family are vacationing for a couple of weeks at Bill Haase, Sr.'s Gulf of Mexico front motel "Treasure Trove," Nakhomis, Fla., south of Sarasota. Bill, Sr., is a former Y-12er who got sand in his shoes and moved to the Deep South.

Product Processing relates that David McWhirter is moving into his new home in Fountain City while vacationing . . . Edna Buchanan is vacationing in Middlesboro, Ky., attending her son's graduation . . . Clara Sue Johnson is spending her time off at home in Morristown . . . Margaret Hickey, her popular Knoxville policeman husband, Tip, and their son, Ronnie, are visiting her sister in Augusta, Ga., this week end.

Phyllis Terry, of Planning and Estimating, and her husband, C. V. Terry, Engineering, are in Detroit, Mich., and Canada vacationing.

Mary Fields, of the Laundry, is visiting a sister in Dayton, Ohio.

Florence Housch and Wilma Brock are Florida-bound to vacation around Treasure Island, near Sarasota . . . Cleo Sideris is visiting a sister and family in Indianapolis, Ind. . . Paul Ward is receiving congratulations on becoming the father of a son born May 17.

The Analytical Laboratory sends word that Ann Barton and her husband, Tom, are resting up at their Oak Ridge home this week.

Deborah Hubbs made a flying trip to Cleveland, Ohio, over the week end . . . Sarah McCollum, former Y-12er in the laboratory, and her husband, James, Alloy Division, are proud parents of a son born last week . . . Elva Joyce Combs is in St. Mary's Hospital, Knoxville, receiving get-well wishes . . . Kay Sideris flew to Philadelphia, Pa., last week end to attend a wedding.

ADP Maintenance extends deepest sympathy to C. E. Disney on the recent death of his mother . . . Perry Ward and Elmore Nickle are welcomed as new employees.

The Alloy Division checked up and found Verlene Pollard, W. L. Boutwell, C. W. Ridings, S. C. Blitza, E. V. Kidwell and H. T. Jayne, Jr., vacationing this week. . . Otto Sheller is the father of a new daughter, Anne Judith, eight pounds, born May 19 at the Oak Ridge Hospital.

Well, is that enough for this time? It oughta be, 'cause time's up. Tune in again next week, same time, same station.



WIVES OF Y-12ERS HAVE BEEN ACTIVE FOR YEARS IN activities of the Oak Ridge Women's Club and the cameraman caught this group at the annual luncheon meeting of the club last week. This group of Y-12 wives are, from left, Mrs. J. M. Peel, retiring chairman of the bridge and canasta committee; Mrs. Robert L. Knight, program chairman for the coming year; Mrs. George W. Mitchel, retiring chairman of the book section; and Mrs. Earl A. Crow, Jr., new corresponding secretary.

Technical Information Dept. Proves Invaluable To Y-12ers

Continued from Page 1

or to borrow books for home consumption. Recent figures showed more than 700 Y-12ers availed themselves of the opportunity to borrow material for perusal outside the library in one month. This is in comparison to only 284 borrowed during one month back in 1947 when the facility was practically in its infancy. Material is usually issued for 14 days, but some can be retained for a longer period.

The Technical Library section of the department now is setting up a film library to serve the entire plant. Films now in use by various departments throughout the plant are being assembled in the library and many other movies will be added to the collection as the need is revealed.

150,000 Documents On Hand

The Y-12 Central Files has on hand approximately 150,000 documents, classified and unclassified, and through the use of the reports catalog can quickly determine the location, title, author, contents and other data on major documents. These 150,000 documents represent practically every technical report and memorandum originating in Y-12, plus material from many other Atomic Energy Commission installations. These reports can be withdrawn for reading by Y-12ers if they so desire, and may be kept up to 30 days. Approximately 1,800 documents originating within or away from Y-12, pass through this section every month. An additional function is the transmittal of all classified material leaving the Y-12 plant.

This section also screens surplus material submitted by various departments to acquire needed extra copies of important documents. Excess copies and/or obsolete material are referred to the Security Department for destruction.

All Photographs On File

Another phase of work by this section is the filing and indexing of all photographs, classified and unclassified, taken in the plant and of plant personnel.

The department now is setting up a records management program for the plant. This will provide facilities for storing and servicing all plant documents, including maintenance, personnel, medical, production and administrative, to make reference to such material easy for anyone requiring it.

The Document Accountability Office has the important duty of maintaining up-to-date records as to the whereabouts of every classified document held in the plant. It also makes an annual inventory of classified research and development reports. Notices of declassification or reclassification are handled through this section.

Reports Are Prepared

The Reports Issuing Office has the most important function of turning out all reports originating in Y-12—classified or unclassified. The section assists in preparing master copies of these reports, and arranges for reproduction, assembly, binding and distribution of the material. When art work is needed in putting out a report, it is done by the Y-12 Engineering Department. The section further-

more keeps a file of all master copies of reports passing through its hands.

Although having the big job of issuing all reports originating in Y-12, it does little editing and no rewriting of material submitted for distribution. Requests for declassification of material originated in Y-12 and previously classified is handled through this section.

Information Abstracts Prepared

The Information Service Group provides another valuable service for Y-12ers. It conducts a literature research program, digging out requests for information and then preparing it in abstract form for the requestor. These abstracts contain many references to material used but does not evaluate them, thus allowing the reader to use his own judgment on the information provided. A less known but equally important function is the indexing and cataloging of internal reports and technical memoranda to provide quick reference through the reports catalog.

In a move to condense some of its voluminous records, the Technical Information Department has gone into the use of micro-cards and micro-film. The Central Files Section has micro-card records duplicating many full size reports received from the Atomic Energy Commission, except those originating within Y-12. This minimizes the storage space required for the section yet makes information readily available. In the Technical Library micro-films and cards are used for back runs of scientific journals and other difficult to procure items.

The principal executive employees in the Technical Information Department, in addition to Patton include Louise Barry, Librarian; Pauline Barnhill, Chief Files and Records Clerk in the Central Files Section; Martha Parks, Chief Files and Records Clerk in the Document Accountability Office; and Helen Brown, also a Chief Files and Record Clerk in charge of the Reports Issuing Office.

According to a grand opera star, the matter of breathing is very important to a singer. We might add that it's a grand habit too for those who like to whistle.

Attendance Record

Dept.	MAJOR LEAGUE More Than 50 Employees Scheduled		
	Absent	Percentage	Standing
2008	0.3	1	1
2060	0.9	2	7
2739	1.1	3	5
2077	1.25	4	8
2018	1.31	5	18
2142	1.45	6	3
2026	1.50	7	-
2002	1.9	8	10
2617	2.1	9	11
2690	2.22	10	6
2619	2.24	11	1
2014	2.7	12	12
2003	2.8	13	4
2108	2.9	14	19
2773	3.0	15	17
2618	3.1	16	13
2790	3.43	17	9
2091	3.44	18	16
2001	3.5	19	14
2015	3.7	20	15

Group absentee percentage was 2.5 per cent, remaining the same as the preceding week.

Dept.	MINOR LEAGUE 15-49 Employees Scheduled		
	Absent	Percentage	Standing
2140	0.0	1	6
2046	0.0	1	5
2200	0.7	3	3
2093	0.8	4	4
2090	1.9	5	9
2144	2.0	6	2
2301	3.3	7	1
2133	3.7	8	13
2005	4.4	9	7
2107	4.5	10	14
2096	4.96	11	10
2743	5.00	12	12
2143	5.02	13	8
2145	7.2	14	11

Group absentee percentage was 3.6 per cent, remaining the same as the preceding week.

The plant average for the week ending May 17 was 2.7 per cent, 2 per cent higher than the preceding week.

NO TRITIUM BLAST SEEN

Dr. W. F. Libby, of the University of Chicago, recently told the American Physical Society in Washington that although tritium is in the air and water, its concentration is too small for a hydrogen blast even if other conditions were right, which they aren't. He was quoted by the Washington Daily News.

AIChE Section To Hear Hydrogenation Talk

Continued from Page 1

ing, process and equipment improvements have been incorporated in this plant to achieve higher yields of the desired aromatic chemicals at significantly lower cost.

New Chemicals Are Predicted

Continuing operating experience and product evaluation shows every promise that this improved process will be capable of satisfying the consistently increasing requirements for industrial aromatic chemicals. The phenomenal nature of these demands is best indicated by the tenfold increase in total chemical production during the past 24 years. Based on the history of aliphatic expansion, it appears probable that an important benefit to the industry will be the gradual introduction of chemicals presently unavailable in commercial quantities.

Edmonds was born January 28, 1914, in Minneapolis, Minn. He attended the University of Minnesota and was graduated from the Massachusetts Institute of Technology in 1934 with a B.S. degree and 1935 with a M.S. degree in chemical engineering. He is an active member of the American Institute of Chemical Engineers.

Rides Wanted, Offered

Ride Or Riders Wanted—From Beaver Creek Road in Powell area, straight day. C. E. Muzzall, plant telephone 7928.

Riders Wanted — From North Central St., Knoxville, to East Portal, straight day. W. T. Bradshaw, plant telephone 7391, home telephone 5-4498, Knoxville.



MORE ACTIVITIES OF THE TECHNICAL INFORMATION Department are shown above. At left Pauline Barnhill is filing index cards in the Central Files Section. The center picture shows the Document Accountability Section at work, from left being

Pat Keener, Dorothy Connor, Betty Fraker and Martha Parks. At right, Frank Ballinger, Superintendents Department, is receiving material from the Reports Issuing Section from Viola Miller, left, and Helen Brown.